

```

var cookieString = document.cookie;

// GET COOKIE FUNCTION
function getCookie(name) {
    name += "=";
    var i = 0;
    while (i < cookieString.length) {
        var offset = i + name.length;
        if (cookieString.substring(i, offset) == name) {
            var endstr = cookieString.indexOf(";", offset);
            if (endstr == -1) endstr = cookieString.length;
            return unescape(cookieString.substring(offset, endstr));
        }
        i = cookieString.indexOf(" ", i) + 1;
        if (i == 0) break;
    }
    return null;
}

// SET COOKIE FUNCTION
function setCookie(name, value) {
    if (value != null && value != "")
        document.cookie = name + "=" + escape(value) + "; ";
    cookieString = document.cookie;
}

function elide_and_display(num, clickedURL) {
    var cookieValue = getCookie("CountHits") || 1;
    if ((getCookie("CountHits") == null) || (getCookie("CountHits") == "null")) {
        cookieValue = " " + num + " ";
    }
    else {
        cookieValue = cookieValue + num + " ";
    }
    setCookie("CountHits", cookieValue);
    window.open(clickedURL);
    history.go(0);
}

// DOES THE MAIN FUNCTION CALLING, IS ACTIVATED WHEN A LINK IS CLICKED
// IF YOU USE THE HISTORY.GO(0) THEN THE PAGE RELOADS.
// SO UNCOMMENT THE HISTORY.GO(0) AND ALSO UNCOMMENT THE OPENWINDOW()
// THIS WAY THE LINK WILL OPEN IN A NEW WINDOW. ALSO COMMENT OUT THE
// CALL TO LOCATE TAGS AND PARSING!

// CAN BE USED IF YOU WANT TO OPEN THE LINK IN A NEW WINDOW
function openWindow(sURL) {
    window.open(sURL);
}

// ACTIVATED ON THE ONCLICK FEATURE WHEN YOU CLICK THE UNDO LINK
function undoThis() {
    var ss = null;
    document.cookie = "CountHits=" + escape(ss) + "; ";
    cookieString = document.cookie;
    history.go(0);
}

```

FIG. 3

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FIG. 2

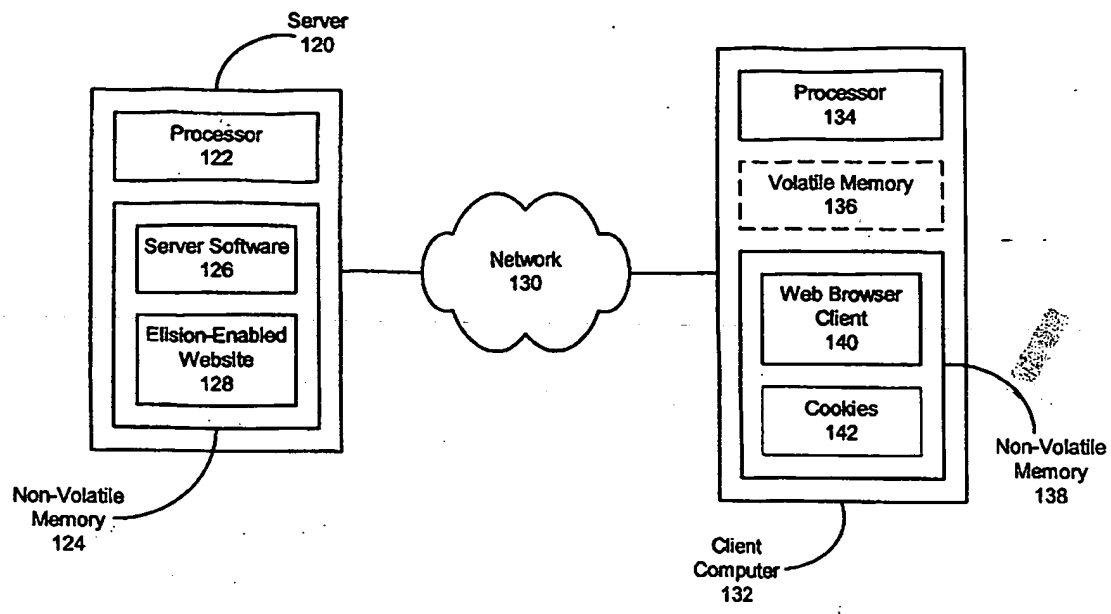


FIG. 1

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```
//ELIDE_LINKS FUNCTION
// RESPONSIBLE FOR REMOVING THE LINKS CLICKED
function elide_links(myStr, Clicked) {
    var linksClicked = 0;
    var location = 0;
    var flag = 0;
    var marker = myStr.lastIndexOf(' ');
    while(flag == 0){
        var begin = myStr.indexOf(' ', location);
        if(begin == marker) flag = 1;
        else {
            location = begin + 1;
            var end = myStr.indexOf(' ', location);
            linksClicked = myStr.substring(begin, end);

            var replaceThis = Clicked[eval(linksClicked)];
            splitString = page.split(replaceThis);
            page = splitString[0].concat(splitString[1]); }}
    return page;
}

// MAKE ARRAY FUNCTION
function makeArray(num) {
    this.length = num;
    for(var i = 1; i <= num; i++) {
        this[i] = 0; }
    return this; }

// LOCATE TAGS (ELISION TAGS) FUNCTION
function locateTags(page){
    var count = 1;
    var location = 1;
    var marker = page.lastIndexOf("<ELIDE>");
    var aString = new makeArray(10);
    while(count != 0){
        var holder1 = page.indexOf("<ELIDE>", location);
        var holder2 = page.indexOf("</ELIDE>", location);
        aString[count] = page.substring(holder1, holder2 + 8);
        count++;
        if(holder1 == marker){
            count = 0;}
        location = holder2 + 1;}
    return aString;}

```

FIG. 3

(continued)

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```
// LOADING FUNCTION (ONLY CALLED ON PAGE RELOADS)
// CHECK TO SEE WHAT IS IN THE COOKIE
function displayPage(page) {
    var sStr = getCookie("CountHits") || 1;

    if(getCookie("CountHits") != null){
        var wasClicked = locateTags(page);
        var toDisplay = elide_links(sStr, wasClicked);

        document.open();
        document.writeln(toDisplay);
        document.close();}

    else {
        document.open();
        document.writeln(page);
        document.close();} }
```

FIG. 3

(continued)

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FIG. 4

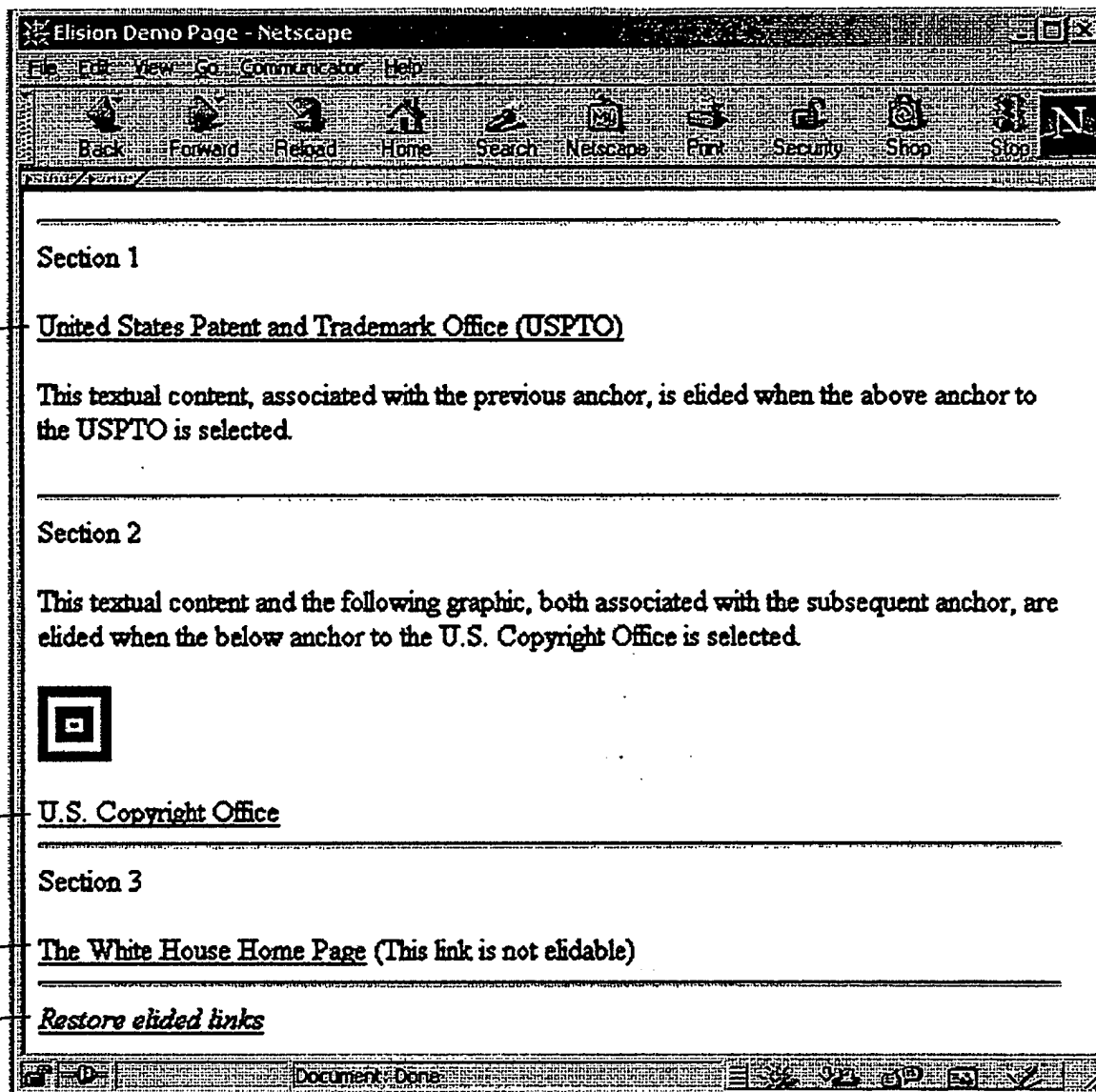


FIG. 4

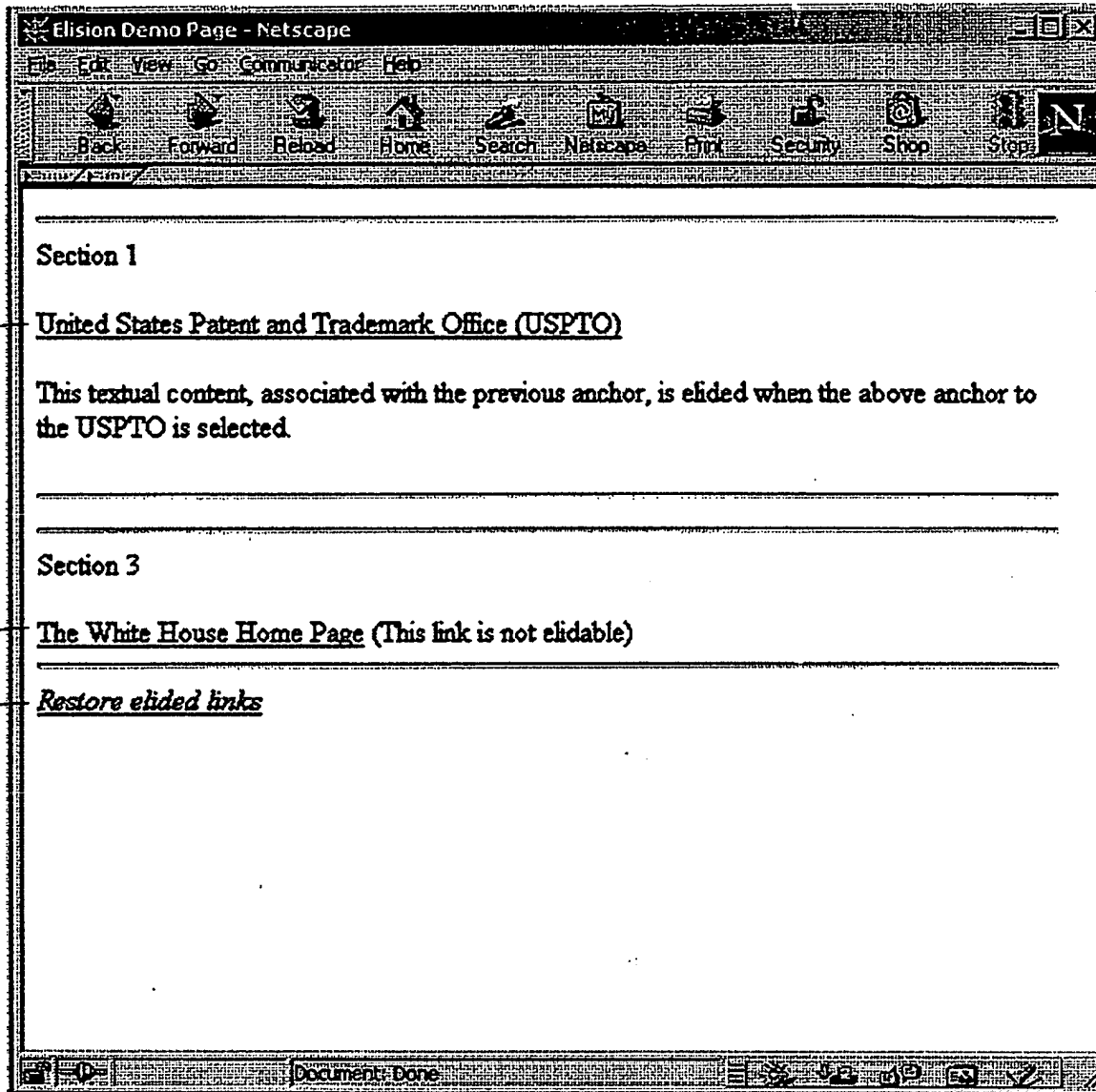


FIG. 5

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Preferences: Elision

Clicking on an elidable link:

- ☐ Does nothing.
- ☐ Elides the content associated with the link in the current page.
- ☒ Elides the content associated with the link in the current page for days.

Links are elided:

- ☐ When selected.
- ☒ When selected with the modifier.

FIG. 6

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